

Attorney Docket No.: YOR920030375US1

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

03940 U.S. PTO  
10/668562  
09/23/03

**PATENT APPLICATION**

**APPLICANT(S):** Jose A. Tierno

**ASSIGNEE  
NAME:** International Business  
Machines Corporation

**ASSIGNEE  
RESIDENCE:** Armonk, New York

**TITLE:** Methods and Apparatus for Snapshot-Based  
Equalization of a Communications Channel

"Express Mail" Label No. EV327556170US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: September 23, 2003

Signature: Rosa L. Tulpis

**COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Application - 10 pages of Specification, 4 pages of Claims and 1 page of Abstract  
4 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
Assignment and Recordation Form Cover Sheet

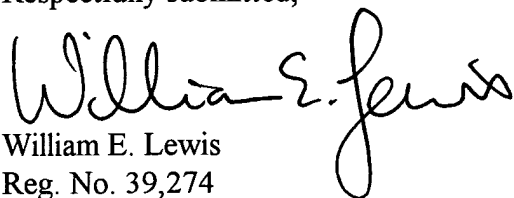
CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	23-20 =	3	x \$18 =	\$54
Independent Claims	3-3 =	0	x \$84 =	\$0
Multiple Dependent Claim(s), if applicable			\$280 =	\$0
Basic Fee				\$750
			<b>TOTAL FEE:</b>	<b>\$804</b>

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$844 (which includes \$804 to cover the filing fee and \$40 to cover the Assignment recordation fee). In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Attorney Docket No.: YOR920030375US1

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the undersigned attorney at (516) 759-2946.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William E. Lewis". The signature is fluid and cursive, with a large, stylized "W" and "L".

Date: September 23, 2003

William E. Lewis  
Reg. No. 39,274  
Attorney for Applicant(s)  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560

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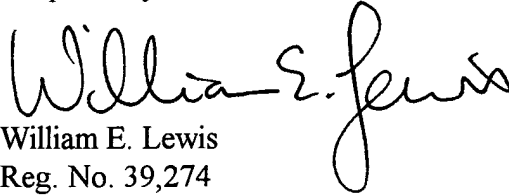
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